



08/410,129

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David S. Russell et al. Examiner: G. Oehling
Serial No.: 08/410,129 Group Art Unit: 2608
Filed: March 23, 1995 Docket: 500.002US7
Title: CELLULAR COMMUNICATIONS SYSTEM WITH CENTRALIZED BASE STATIONS AND DISTRIBUTED ANTENNA UNITS

#8/Amelt B
R. Morgan
8/7/96

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated January 23, 1996, please amend this Application as follows:

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GROUP 25th

In the Claims

Cancel without prejudice claims 39-44, and substitute therefor new claims 45-60:

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45. (New) A method of communicating a plurality of two-way, inbound/outbound, cellular telephone transmissions between a base station and a physically remote cell using a set of channels, comprising the steps of:

at the base station —

receiving a plurality of outbound telephone transmissions from a network;

generating a separate RF analog outbound channel carrier for each channel in the set;

analog modulating the outbound telephone transmissions onto respective ones of the RF analog outbound channel carriers so as to produce a set of individual RF analog outbound modulated channel carriers;

combining the set of modulated analog channel carriers into a single RF analog outbound combined signal representing all of the outbound telephone transmissions in the set of channels;

B₁ ext.

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